

IN THE CLAIMS:

Please amend the claims as follows:

Mc37 5. (Amended) A protein according to claim 1 or a nucleic acid according to claim 2 for use as a medicament.

A2 6. (Amended) Use of a protein according to claim 1 or a nucleic acid according to claim 2 in the manufacture of a medicament for the treatment of a condition involving tumors, such as BSS.

7. (Amended) A method of in vitro or in vivo diagnosis, wherein a protein according to claim 1 or a nucleic acid according to claim 2 is used.

A3 11. (Amended) A vector comprising a nucleic acid according to claim 2.

Mc37
A4 15. (Amended) A kit for the detection of human PTCH2 gene or polypeptide comprising in a container a molecule selected from the group consisting of a nucleic acid according to claim 2, a protein according to claim 1 or an antibody according to claim 13.

16. (Amended) Use of a nucleic acid according to claim 2 in gene therapy.